

|          | <b>Hits</b> | <b>Search Text</b>  | <b>DBs</b>   |
|----------|-------------|---|--|
| <b>1</b> | <b>4867</b> | (correlat\$5 or integra\$5) and (transition\$5 adj tim\$5) and @ad<"20010731"   | <b>US-PGPUB;<br/>USPAT; EPO; JPO;<br/>DERWENT;<br/>IBM_TDB</b> |
| <b>2</b> | <b>16</b>   | ((larg\$5 or max\$5) with (correlat\$5 or integra\$5) and (assum\$5 with (transition\$5 adj tim\$5)) and @ad<"20010731"   | <b>US-PGPUB;<br/>USPAT; EPO; JPO;<br/>DERWENT;<br/>IBM_TDB</b> |
| <b>3</b> | <b>8</b>    | ((larg\$5 or max\$5) with (correlat\$5 or integra\$5) and (assum\$5 with (transition\$5 adj tim\$5)) and (NOT VLSI) and @ad<"20010731"                              | <b>US-PGPUB;<br/>USPAT; EPO; JPO;<br/>DERWENT;<br/>IBM_TDB</b> |
| <b>4</b> | <b>2733</b> | ((larg\$5 or max\$5) with (correlat\$5 or integra\$5) with dela\$5) and (NOT VLSI) and @ad<"20010731"   | <b>US-PGPUB;<br/>USPAT; EPO; JPO;<br/>DERWENT;<br/>IBM_TDB</b> |
| <b>5</b> | <b>0</b>    | ((larg\$5 or max\$5) with (correlat\$5 or integra\$5) with dela\$5) same (bit\$2 near2 transition\$5) and (NOT VLSI) and @ad<"20010731"                             | <b>US-PGPUB;<br/>USPAT; EPO; JPO;<br/>DERWENT;<br/>IBM_TDB</b> |
| <b>6</b> | <b>32</b>   | ((larg\$5 or max\$5) with (correlat\$5 or integra\$5) with dela\$5) and (bit\$2 near2 transition\$5) and (NOT VLSI) and @ad<"20010731"                              | <b>US-PGPUB;<br/>USPAT; EPO; JPO;<br/>DERWENT;<br/>IBM_TDB</b> |
| <b>7</b> | <b>3</b>    | ((larg\$5 or max\$5) with (correlat\$5 or integra\$5) with ((dela\$5 or shift\$5) near2 bit\$2)) and (bit\$2 near2 transition\$5) and (NOT VLSI) and @ad<"20010731" | <b>US-PGPUB;<br/>USPAT; EPO; JPO;<br/>DERWENT;<br/>IBM_TDB</b> |

|           | <b>Hits</b> | <b>Search Text</b>  | <b>DBs</b>   |
|-----------|-------------|---|--|
| <b>8</b>  | <b>2</b>    | "6075987".pn.   | <b>US-PGPUB;<br/>USPAT; EPO; JPO;<br/>DERWENT;<br/>IBM_TDB</b> |
| <b>9</b>  | <b>3</b>    | ((larg\$5 or max\$5) with<br>(correlat\$5 or integra\$5) with<br>((dela\$5 or shift\$5) near2 bit\$2))<br>and (bit\$2 near2 transition\$5) and<br>@ad<"20010731"  | <b>US-PGPUB;<br/>USPAT; EPO; JPO;<br/>DERWENT;<br/>IBM_TDB</b> |
| <b>10</b> | <b>715</b>  | (shift near1 register) and (bit\$2<br>near1 transition\$5) and<br>@ad<"20010731"  | <b>US-PGPUB;<br/>USPAT; EPO; JPO;<br/>DERWENT;<br/>IBM_TDB</b> |
| <b>11</b> | <b>60</b>   | ((shift near1 register) same<br>(integra\$5)) and (bit\$2 near1<br>transition\$5) and<br>@ad<"20010731"   | <b>US-PGPUB;<br/>USPAT; EPO; JPO;<br/>DERWENT;<br/>IBM_TDB</b> |
| <b>12</b> | <b>1</b>    | ((shift near1 register) same<br>(integra\$5)) and (bit\$2 near1<br>transition\$5 near1 tim\$5) and<br>@ad<"20010731"  | <b>US-PGPUB;<br/>USPAT; EPO; JPO;<br/>DERWENT;<br/>IBM_TDB</b> |
| <b>13</b> | <b>34</b>   | ((shift near1 register) same<br>(integra\$5)) and (bit\$2 near1<br>transition\$5) and (not "integrated<br>circuits") and @ad<"20010731"                           | <b>US-PGPUB;<br/>USPAT; EPO; JPO;<br/>DERWENT;<br/>IBM_TDB</b> |
| <b>14</b> | <b>11</b>   | ((shift near1 register) same<br>(integra\$5)) and (bit\$2 near2<br>transition\$5 near2 tim\$5) and<br>(not "integrated circuits") and<br>@ad<"20010731"           | <b>US-PGPUB;<br/>USPAT; EPO; JPO;<br/>DERWENT;<br/>IBM_TDB</b> |
| <b>15</b> | <b>16</b>   | ((shift near1 register) same<br>(integra\$5 or sum\$5)) and (bit\$2<br>near2 transition\$5 near2 tim\$5)<br>and (not "integrated circuits")<br>and @ad<"20010731" | <b>US-PGPUB;<br/>USPAT; EPO; JPO;<br/>DERWENT;<br/>IBM_TDB</b> |

|           | <b>Hits</b>  | <b>Search Text</b>  | <b>DBs</b>   |
|-----------|--------------|---|--|
| <b>16</b> | <b>5</b>     | <b>S15 not S14</b>  | <b>US-PGPUB;<br/>USPAT; EPO; JPO;<br/>DERWENT;<br/>IBM_TDB</b> |
| <b>17</b> | <b>10041</b> | <b>((shift near1 register) same<br/>(integra\$5 or sum\$5)) and (not<br/>"integrated circuits") and<br/>@ad&lt;"20010731"</b>   | <b>US-PGPUB;<br/>USPAT; EPO; JPO;<br/>DERWENT;<br/>IBM_TDB</b> |
| <b>18</b> | <b>587</b>   | <b>375/???.ccls. and ((shift near1<br/>register) with (integra\$5 or<br/>sum\$5)) and (not "integrated<br/>circuits") and @ad&lt;"20010731"</b>   | <b>US-PGPUB;<br/>USPAT; EPO; JPO;<br/>DERWENT;<br/>IBM_TDB</b> |
| <b>19</b> | <b>48</b>    | <b>375/???.ccls. and ((shift near1<br/>register) with (integra\$5 or<br/>sum\$5)).ab. and (not "integrated<br/>circuits") and @ad&lt;"20010731"</b>   | <b>US-PGPUB;<br/>USPAT; EPO; JPO;<br/>DERWENT;<br/>IBM_TDB</b> |
| <b>20</b> | <b>2</b>     | <b>("4291410"   "5353301").PN.</b>  | <b>US-PGPUB;<br/>USPAT; USOCR</b>                              |
| <b>21</b> | <b>2</b>     | <b>("6577674").URPN.</b>  | <b>USPAT</b>   |
| <b>22</b> | <b>57</b>    | <b>((locat\$5 or find\$5 or determin\$5)<br/>near5 bit\$2 near2 transition\$5<br/>near2 tim\$5) and<br/>@ad&lt;"20010731"</b>   | <b>US-PGPUB;<br/>USPAT; EPO; JPO;<br/>DERWENT;<br/>IBM_TDB</b> |
| <b>23</b> | <b>31</b>    | <b>((locat\$5 or find\$5 or determin\$5)<br/>near5 bit\$2 near2 transition\$5<br/>near2 tim\$5) and (integra\$5 or<br/>sum\$5) and (not "integrated<br/>circuit") and @ad&lt;"20010731"</b> | <b>US-PGPUB;<br/>USPAT; EPO; JPO;<br/>DERWENT;<br/>IBM_TDB</b> |
| <b>24</b> | <b>7</b>     | <b>("4559602"   "5005210"  <br/>"5327144"   "5329591"  <br/>"5369682"   "5448760"  <br/>"5724389").PN.</b>  | <b>US-PGPUB;<br/>USPAT; USOCR</b>                              |
| <b>25</b> | <b>6</b>     | <b>("5835530").URPN.</b>  | <b>USPAT</b>   |

|           | <b>Hits</b> | <b>Search Text</b>   | <b>DBs</b>   |
|-----------|-------------|--|--|
| <b>26</b> | <b>25</b>   | ((locat\$5 or find\$5 or determin\$5) near5 bit\$2 near2 transition\$5 near2 tim\$5) and correl\$5 and @ad<"20010731"  | <b>US-PGPUB;<br/>USPAT; EPO; JPO;<br/>DERWENT;<br/>IBM_TDB</b> |
| <b>27</b> | <b>0</b>    | (375/226, 375/227, 375/228, 375/242, 375/243, 375/244, 375/245, 375/247, 375/286, 375/289, 375/290, 375/254, 375/317, 375/316, 375/354, 375/360, 375/359, 375/371, 375/377, 324/76.11, 324/76.12, 324/76.38, 324/76.52, 324/76.77, 324/76.82, 708/494, 708/490, 708/200, 708/800, 708/801, 708/823, 708/824, 708/100).ccls. and ((integra\$5 or sum\$5 or add\$5) near2 signal\$5 near2 (bit\$5 or data) near2 (transition\$5 or chang\$5 or differ\$5) near2 (occur\$5 or "when" or "if")) and @ad<"20010731" | <b>US-PGPUB;<br/>USPAT; EPO; JPO;<br/>DERWENT;<br/>IBM_TDB</b> |
| <b>28</b> | <b>150</b>  | ((integra\$4 or sum\$7 or add\$6) near6 signal\$4 near6 (bit\$2 or data) near6 (transition\$4 or chang\$4 or differ\$4) near6 (occur\$5 or "when" or "if")) and @ad<"20010731"   | <b>US-PGPUB;<br/>USPAT; EPO; JPO;<br/>DERWENT;<br/>IBM_TDB</b> |
| <b>29</b> | <b>7</b>    | ((integra\$4 or sum\$7 or add\$6) near2 signal\$4 near2 (bit\$2 or data) near2 (transition\$4 or chang\$4 or differ\$4) near2 (occur\$5 or "when" or "if")) and @ad<"20010731"   | <b>US-PGPUB;<br/>USPAT; EPO; JPO;<br/>DERWENT;<br/>IBM_TDB</b> |

|           | <b>Hits</b> | <b>Search Text</b>  | <b>DBs</b>   |
|-----------|-------------|---|--|
| <b>30</b> | <b>0</b>    | ((integra\$4 or sum\$7 or add\$1 or "adding" or adder\$2) near2 (analog or signal\$4) near2 (bit\$2 or data) near2 (transition\$4 or chang\$4 or differ\$4) near2 (occur\$5 or "when" or "if")) near2 (digital\$2) and @ad<"20010731" | <b>US-PGPUB;<br/>USPAT; EPO; JPO;<br/>DERWENT;<br/>IBM_TDB</b> |
| <b>31</b> | <b>5</b>    | ((integra\$4 or sum\$7 or add\$1 or "adding" or adder\$2) near6 (analog or signal\$4) near6 (bit\$2 or data) near6 (transition\$4 or chang\$4 or differ\$4) near6 (occur\$5 or "when" or "if")) near6 (digital\$2) and @ad<"20010731" | <b>US-PGPUB;<br/>USPAT; EPO; JPO;<br/>DERWENT;<br/>IBM_TDB</b> |
| <b>32</b> | <b>2</b>    | ("3728484"   "4225964").PN.   | <b>US-PGPUB;<br/>USPAT; USOCR</b>                              |
| <b>33</b> | <b>3</b>    | ("4278992").URPN.   | <b>USPAT</b>   |
| <b>34</b> | <b>31</b>   | S28 and ((analog near2 digital) or "a/d")   | <b>US-PGPUB;<br/>USPAT; EPO; JPO;<br/>DERWENT;<br/>IBM_TDB</b> |
| <b>35</b> | <b>2024</b> | ((integra\$4 or sum\$7 or add\$1 or "adding" or adder\$2) near6 (analog or signal\$4) near6 (transition\$4 or chang\$4 or differ\$4) near6 (digital\$2)) and @ad<"20010731"   | <b>US-PGPUB;<br/>USPAT; EPO; JPO;<br/>DERWENT;<br/>IBM_TDB</b> |
| <b>36</b> | <b>192</b>  | ((integra\$4 or sum\$7 or add\$1 or "adding" or adder\$2) near2 (analog or signal\$4) near2 (transition\$4 or chang\$4 or differ\$4) near2 (digital\$2)) and @ad<"20010731"   | <b>US-PGPUB;<br/>USPAT; EPO; JPO;<br/>DERWENT;<br/>IBM_TDB</b> |

|           | <b>Hits</b> | <b>Search Text</b>  | <b>DBs</b>   |
|-----------|-------------|---|--|
| <b>37</b> | <b>3180</b> | ((integra\$4 or sum\$7 or add\$1 or "adding" or adder\$2) near2 (analog or signal\$4) near2 (transition\$4 or chang\$4 or differ\$4)) and ((analog near2 digital) or "a/d") and @ad<"20010731"                                  | <b>US-PGPUB;<br/>USPAT; EPO; JPO;<br/>DERWENT;<br/>IBM_TDB</b> |
| <b>38</b> | <b>528</b>  | ((((integra\$4 or sum\$7 or add\$1 or "adding" or adder\$2) near2 (analog or signal\$4) near2 (transition\$4 or chang\$4 or differ\$4)) same ((analog near2 digital) or "a/d"))) and @ad<"20010731"                             | <b>US-PGPUB;<br/>USPAT; EPO; JPO;<br/>DERWENT;<br/>IBM_TDB</b> |
| <b>39</b> | <b>0</b>    | ((((integra\$4 or sum\$7 or add\$1 or "adding" or adder\$2) near2 (analog or signal\$4) near2 (transition\$4 or chang\$4 or differ\$4) near2 (plac\$2 or locat\$5)) same ((analog near2 digital) or "a/d"))) and @ad<"20010731" | <b>US-PGPUB;<br/>USPAT; EPO; JPO;<br/>DERWENT;<br/>IBM_TDB</b> |
| <b>40</b> | <b>12</b>   | ((((integra\$4 or sum\$7 or add\$1 or "adding" or adder\$2) near6 (analog or signal\$4) near6 (transition\$4 or chang\$4 or differ\$4) near6 (plac\$2 or locat\$5)) same ((analog near2 digital) or "a/d"))) and @ad<"20010731" | <b>US-PGPUB;<br/>USPAT; EPO; JPO;<br/>DERWENT;<br/>IBM_TDB</b> |
| <b>41</b> | <b>0</b>    | <b>SANDERS-JEFFREY.in.</b>  | <b>US-PGPUB;<br/>USPAT; EPO; JPO;<br/>DERWENT;<br/>IBM_TDB</b> |

|           | <b>Hits</b> | <b>Search Text</b>   | <b>DBs</b>   |
|-----------|-------------|--|--|
| <b>42</b> | <b>1</b>    | <b>SANDERS-JEFF.in.</b>  | <b>US-PGPUB;<br/>USPAT; EPO; JPO;<br/>DERWENT;<br/>IBM_TDB</b> |
| <b>43</b> | <b>10</b>   | <b>("3624558"   "3781685"  <br/>"4542354"   "4990914").PN. OR<br/>("5227795").URPN.</b>  | <b>US-PGPUB;<br/>USPAT; USOCR</b>                              |
| <b>44</b> | <b>12</b>   | <b>("3908181"   "4251804"  <br/>"4509037"   "4684925").PN. OR<br/>("4990914").URPN.</b>  | <b>US-PGPUB;<br/>USPAT; USOCR</b>                              |
| <b>45</b> | <b>1</b>    | <b>"6075987".pn.</b>   | <b>US-PGPUB;<br/>USPAT; USOCR</b>                              |
| <b>46</b> | <b>7</b>    | <b>(m or n) near2 analog near2<br/>(integrat\$5 or additions or<br/>summations or adding or addition<br/>or summing or summation) near2<br/>(digital or threshold\$3) and<br/>@ad&lt;"20010731"</b>  | <b>US-PGPUB;<br/>USPAT; USOCR</b>                              |
| <b>47</b> | <b>130</b>  | <b>(m or n) near6 analog near6<br/>(integrat\$5 or additions or<br/>summations or adding or addition<br/>or summing or summation) near6<br/>(digital or threshold\$3) and<br/>@ad&lt;"20010731"</b>  | <b>US-PGPUB;<br/>USPAT; USOCR</b>                              |
| <b>48</b> | <b>0</b>    | <b>((locat\$5 or find\$5 or determin\$5)<br/>near5 bit\$2 near2 transition\$5<br/>near2 tim\$5)) and (m or n) near6<br/>analog near6 (integrat\$5 or<br/>additions or summations or<br/>adding or addition or summing or<br/>summation) near6 (digital or<br/>threshold\$3 and @ad&lt;"20010731"</b> | <b>US-PGPUB;<br/>USPAT; EPO; JPO;<br/>DERWENT;<br/>IBM_TDB</b> |

|           | <b>Hits</b> | <b>Search Text</b>  | <b>DBs</b>   |
|-----------|-------------|---|--|
| <b>49</b> | <b>6</b>    | (analog or signal\$2) near6<br>(integrat\$5 or additions or<br>summations or adding or addition<br>or summing or summation) near6<br>((locat\$5 or find\$5 or determin\$5<br>or position\$5 or plac\$5 or tim\$5)<br>near6 (bit\$2 near2 transition\$5))<br>and (m or n or multipl\$5) and<br>@ad<"20010731"                  | <b>US-PGPUB;<br/>USPAT; EPO; JPO;<br/>DERWENT;<br/>IBM_TDB</b> |
| <b>50</b> | <b>9</b>    | ((locat\$5 or find\$5 or determin\$5<br>or position\$5 or plac\$5 or tim\$5)<br>near6 (bit\$2 near2 transition\$5)))<br>and (m or n or multipl\$5) near6<br>analog near6 (integrat\$5 or<br>additions or summations or<br>adding or addition or summing or<br>summation) near6 (digital or<br>threshold\$3 and @ad<"20010731" | <b>US-PGPUB;<br/>USPAT; EPO; JPO;<br/>DERWENT;<br/>IBM_TDB</b> |
| <b>51</b> | <b>4</b>    | ("6407699").URPN.   | <b>USPAT</b>   |
| <b>52</b> | <b>9</b>    | ("4701934"   "4785463"  <br>"5323322"   "5663734"  <br>"5781156"   "5798732"  <br>"5874914"   "6133871"  <br>"6259402").PN.   | <b>US-PGPUB;<br/>USPAT; USOCR</b>                              |



|           | <b>Hits</b>  | <b>Search Text</b>   | <b>DBs</b>   |
|-----------|--------------|--|--|
| <b>53</b> | <b>0</b>     | (375/226, 375/227, 375/228, 375/242, 375/243, 375/244, 375/245, 375/247, 375/286, 375/289, 375/290, 375/254, 375/317, 375/316, 375/354, 375/360, 375/359, 375/371, 375/377, 324/76.11, 324/76.12, 324/76.38, 324/76.52, 324/76.77, 324/76.82, 708/494, 708/490, 708/200, 708/800, 708/801, 708/823, 708/824, 708/100).ccls. and ((integra\$5 or sum\$5 or add\$5) near2 signal\$5 near2 (bit\$5 or data) near2 (transition\$5 or chang\$5 or differ\$5) near2 (occur\$5 or "when" or "if")) and @ad<"20010731" | <b>US-PGPUB;<br/>USPAT; EPO; JPO;<br/>DERWENT;<br/>IBM_TDB</b> |
| <b>54</b> | <b>0</b>     | ((integra\$7 or sum\$7 or adding\$7 or adder\$7 or additi\$7 or added\$7) near7 (analog\$7 or signal\$7) near7 (stagger\$7 near2 inver\$7) near7 (transition\$7 or chang\$7 or differ\$7) near7 (plac\$7 or locat\$7)) and @ad<"20010731"  | <b>US-PGPUB;<br/>USPAT; EPO; JPO;<br/>DERWENT;<br/>IBM_TDB</b> |
| <b>55</b> | <b>18</b>    | ((integra\$7 or sum\$7 or adding\$7 or adder\$7 or additi\$7 or added\$7) near7 (analog\$7 or signal\$7) near7 ((stagger\$7 or random\$7) near2 inver\$7)) and @ad<"20010731"  | <b>US-PGPUB;<br/>USPAT; EPO; JPO;<br/>DERWENT;<br/>IBM_TDB</b> |
| <b>56</b> | <b>17911</b> | ((integra\$7 or sum\$7 or adding\$7 or adder\$7 or additi\$7 or added\$7) near7 (analog\$7 or signal\$7) near7 (inver\$7)) and @ad<"20010731"  | <b>US-PGPUB;<br/>USPAT; EPO; JPO;<br/>DERWENT;<br/>IBM_TDB</b> |

|           | <b>Hits</b> | <b>Search Text</b>   | <b>DBs</b>   |
|-----------|-------------|--|--|
| <b>57</b> | <b>3492</b> | <b>((integra\$7 or sum\$7 or adding\$7 or adder\$7 or additi\$7 or added\$7) near2 (analog\$7 or signal\$7) near2 (inver\$7)) and @ad&lt;"20010731"</b>  | <b>US-PGPUB;<br/>USPAT; EPO; JPO;<br/>DERWENT;<br/>IBM_TDB</b> |
| <b>58</b> | <b>31</b>   | <b>((integra\$7 or sum\$7 or adding\$7 or adder\$7 or additi\$7 or added\$7) near2 (analog\$7 or signal\$7) near2 ((stagger\$7 or spread\$7) near2 inver\$7)) and @ad&lt;"20010731"</b>                                      | <b>US-PGPUB;<br/>USPAT; EPO; JPO;<br/>DERWENT;<br/>IBM_TDB</b> |
| <b>59</b> | <b>31</b>   | <b>S58 not S55</b>   | <b>US-PGPUB;<br/>USPAT; EPO; JPO;<br/>DERWENT;<br/>IBM_TDB</b> |
| <b>60</b> | <b>0</b>    | <b>((slid\$7) near2 (integra\$7 or sum\$7 or adding\$7 or adder\$7 or additi\$7 or added\$7) near2 (analog\$7 or signal\$7) near2 ((stagger\$7 or spread\$7) near2 inver\$7)) and @ad&lt;"20010731"</b>                      | <b>US-PGPUB;<br/>USPAT; EPO; JPO;<br/>DERWENT;<br/>IBM_TDB</b> |
| <b>61</b> | <b>0</b>    | <b>((slid\$7 or window\$7) near7 (integra\$7 or sum\$7 or adding\$7 or adder\$7 or additi\$7 or added\$7) near7 (analog\$7 or signal\$7) near7 ((stagger\$7 or spread\$7) near2 inver\$7)) and @ad&lt;"20010731"</b>         | <b>US-PGPUB;<br/>USPAT; EPO; JPO;<br/>DERWENT;<br/>IBM_TDB</b> |
| <b>62</b> | <b>0</b>    | <b>((slid\$7 or window\$7) near7 (integra\$7 or sum\$7 or adding\$7 or adder\$7 or additi\$7 or added\$7) near7 (analog\$7 or signal\$7 or data) near7 ((stagger\$7 or spread\$7) near7 inver\$7)) and @ad&lt;"20010731"</b> | <b>US-PGPUB;<br/>USPAT; EPO; JPO;<br/>DERWENT;<br/>IBM_TDB</b> |

|           | <b>Hits</b> | <b>Search Text</b>   | <b>DBs</b>   |
|-----------|-------------|--|--|
| <b>63</b> | <b>0</b>    | ((slid\$7 or window\$7) near7<br>(integra\$7 or sum\$7 or adding\$7<br>or adder\$7 or additi\$7 or<br>added\$7) near7 (analog\$7 or<br>signal\$7 or data) near7<br>((stagger\$7 or spread\$7) near7<br>inver\$7))                                | <b>US-PGPUB;<br/>USPAT; EPO; JPO;<br/>DERWENT;<br/>IBM_TDB</b> |
| <b>64</b> | <b>1</b>    | ((slid\$7 or window\$7) near7<br>(integra\$7 or sum\$7 or adding\$7<br>or adder\$7 or additi\$7 or<br>added\$7) near7 (analog\$7 or<br>signal\$7 or data) near7<br>((stagger\$7 or spread\$7 or<br>period\$7) near2 inver\$7))                   | <b>US-PGPUB;<br/>USPAT; EPO; JPO;<br/>DERWENT;<br/>IBM_TDB</b> |
| <b>65</b> | <b>2</b>    | ((slid\$7 or window\$7) near7<br>(integra\$7 or sum\$7 or adding\$7<br>or adder\$7 or additi\$7 or<br>added\$7) near7 (analog\$7 or<br>signal\$7 or data) near7<br>((stagger\$7 or spread\$7 or<br>period\$7) near2 (inver\$7 or<br>revers\$7))) | <b>US-PGPUB;<br/>USPAT; EPO; JPO;<br/>DERWENT;<br/>IBM_TDB</b> |
| <b>66</b> | <b>94</b>   | ((slid\$7 or window\$7) near7<br>(integra\$7 or sum\$7 or adding\$7<br>or adder\$7 or additi\$7 or<br>added\$7)) and (((stagger\$7 or<br>spread\$7 or period\$7) near2<br>(inver\$7 or revers\$7)) near7<br>(analog\$7 or signal\$7 or data))    | <b>US-PGPUB;<br/>USPAT; EPO; JPO;<br/>DERWENT;<br/>IBM_TDB</b> |
| <b>67</b> | <b>16</b>   | ((slid\$7 or window\$7) near2<br>(integra\$7 or sum\$7 or adding\$7<br>or adder\$7 or additi\$7 or<br>added\$7)) and (((stagger\$7 or<br>spread\$7 or period\$7) near2<br>(inver\$7 or revers\$7)) near2<br>(analog\$7 or signal\$7 or data))    | <b>US-PGPUB;<br/>USPAT; EPO; JPO;<br/>DERWENT;<br/>IBM_TDB</b> |

|           | <b>Hits</b>         | <b>Search Text</b>   | <b>DBs</b>   |
|-----------|---------------------|--|--|
| <b>68</b> | <b>97</b>           | ((slid\$7 or window\$7) near7 (integra\$7 or sum\$7 or adding\$7 or adder\$7 or additi\$7 or added\$7)) and (((stagger\$7 or spread\$7 or period\$7) near2 (inver\$7 or revers\$7)) near7 (analog\$7 or signal\$7 or data or bit\$7))                    | <b>US-PGPUB;<br/>USPAT; EPO; JPO;<br/>DERWENT;<br/>IBM_TDB</b> |
| <b>69</b> | <b>73</b>           | ((slid\$7 or window\$7) near7 (integra\$7 or sum\$7 or adding\$7 or adder\$7 or additi\$7 or added\$7)) and (((stagger\$7 or spread\$7 or period\$7) near2 (inver\$7 or revers\$7)) near7 (analog\$7 or signal\$7 or data or bit\$7)) and @ad<"20010731" | <b>US-PGPUB;<br/>USPAT; EPO; JPO;<br/>DERWENT;<br/>IBM_TDB</b> |
| <b>70</b> | <b>0</b>            | (period\$7 near2 inver\$7 near2 bit\$7 near2 integrat\$7) and @ad<"20010731"   | <b>US-PGPUB;<br/>USPAT; EPO; JPO;<br/>DERWENT;<br/>IBM_TDB</b> |
| <b>71</b> | <b>6</b>            | (period\$7 near7 inver\$7 near7 bit\$7 near7 integrat\$7) and @ad<"20010731"   | <b>US-PGPUB;<br/>USPAT; EPO; JPO;<br/>DERWENT;<br/>IBM_TDB</b> |
| <b>72</b> | <b>505</b>          | (period\$7 near7 inver\$7 near7 bit\$7) and @ad<"20010731"   | <b>US-PGPUB;<br/>USPAT; EPO; JPO;<br/>DERWENT;<br/>IBM_TDB</b> |
| <b>73</b> | <b>104356<br/>7</b> | ((period\$7 near2 inver\$7 near2 bit\$7) with2 integrat\$7) and @ad<"20010731"   | <b>US-PGPUB;<br/>USPAT; EPO; JPO;<br/>DERWENT;<br/>IBM_TDB</b> |
| <b>74</b> | <b>1</b>            | ((period\$7 near2 inver\$7 near2 bit\$7) with integrat\$7) and @ad<"20010731"  | <b>US-PGPUB;<br/>USPAT; EPO; JPO;<br/>DERWENT;<br/>IBM_TDB</b> |

|           | <b>Hits</b>         | <b>Search Text</b>  | <b>DBs</b>   |
|-----------|---------------------|---|--|
| <b>75</b> | <b>2</b>            | <b>((period\$7 near2 inver\$7 near2 bit\$7) same integrat\$7) and @ad&lt;"20010731"</b>   | <b>US-PGPUB;<br/>USPAT; EPO; JPO;<br/>DERWENT;<br/>IBM_TDB</b> |
| <b>76</b> | <b>104355<br/>2</b> | <b>((period\$7 near2 inver\$7 near2 bit\$7) same2 integrat\$7) and @ad&lt;"20010731"</b>  | <b>US-PGPUB;<br/>USPAT; EPO; JPO;<br/>DERWENT;<br/>IBM_TDB</b> |
| <b>77</b> | <b>21</b>           | <b>((period\$7 near2 inver\$7 near2 bit\$7) and integrat\$7) and @ad&lt;"20010731"</b>  | <b>US-PGPUB;<br/>USPAT; EPO; JPO;<br/>DERWENT;<br/>IBM_TDB</b> |
| <b>78</b> | <b>650</b>          | <b>((period\$7 or ocS1as\$1ion\$7) near2 (inver\$7 or revers\$7) near2 (bit\$7 or data or input\$7 or signal\$7)) and integrat\$7) and @ad&lt;"20010731"</b>                                    | <b>US-PGPUB;<br/>USPAT; EPO; JPO;<br/>DERWENT;<br/>IBM_TDB</b> |
| <b>79</b> | <b>51</b>           | <b>((period\$7 or ocS1as\$1ion\$7) near2 (inver\$7 or revers\$7) near2 (bit\$7 or data or input\$7 or signal\$7)) with integrat\$7) and @ad&lt;"20010731"</b>                                   | <b>US-PGPUB;<br/>USPAT; EPO; JPO;<br/>DERWENT;<br/>IBM_TDB</b> |
| <b>80</b> | <b>5</b>            | <b>((period\$7 or ocS1as\$1ion\$7) near2 (inver\$7 or revers\$7) near2 (bit\$7 or data or input\$7 or signal\$7)) with integrat\$7) not phase not time and @ad&lt;"20010731"</b>                | <b>US-PGPUB;<br/>USPAT; EPO; JPO;<br/>DERWENT;<br/>IBM_TDB</b> |
| <b>81</b> | <b>11</b>           | <b>((period\$7 or ocS1as\$1ion\$7) near2 (inver\$7 or revers\$7) near2 ((bit\$7 or data or input\$7 or signal\$7) with (transition\$7 or chang\$7))) and integrat\$7) and @ad&lt;"20010731"</b> | <b>US-PGPUB;<br/>USPAT; EPO; JPO;<br/>DERWENT;<br/>IBM_TDB</b> |

|           | <b>Hits</b> | <b>Search Text</b>   | <b>DBs</b>   |
|-----------|-------------|--|--|
| <b>82</b> | <b>1005</b> | <b>((period\$7 or oc\$1as\$1ion\$7) with (inver\$7 or revers\$7) with ((bit\$7 or data or input\$7 or signal\$7) with (transition\$7 or chang\$7))) and integrat\$7) and @ad&lt;"20010731"</b> | <b>US-PGPUB;<br/>USPAT; EPO; JPO;<br/>DERWENT;<br/>IBM_TDB</b> |
| <b>83</b> | <b>963</b>  | <b>((period\$7 or oc\$1as\$1ion\$7) with (inver\$7 or revers\$7) with ((bit\$7 or data or input\$7 or signal\$7) with (transition\$7 or chang\$7))) and integrat\$7) and @ad&lt;"20010731"</b> | <b>USPAT; EPO; JPO;<br/>DERWENT;<br/>IBM_TDB</b>               |
| <b>84</b> | <b>90</b>   | <b>((period\$7 or oc\$1as\$1ion\$7) with (inver\$7 or revers\$7) with (bit\$7 or data or input\$7 or signal\$7) with (transition\$7 or chang\$7) with integrat\$7) and @ad&lt;"20010731"</b>   | <b>USPAT; EPO; JPO;<br/>DERWENT;<br/>IBM_TDB</b>               |
| <b>85</b> | <b>338</b>  | <b>((period\$7 or oc\$1as\$1ion\$7) with (inver\$7 or revers\$7) with (determin\$7 or locat\$7 or find\$7) with (transition\$7 or chang\$7)) and @ad&lt;"20010731"</b>                         | <b>USPAT; EPO; JPO;<br/>DERWENT;<br/>IBM_TDB</b>               |
| <b>86</b> | <b>1</b>    | <b>((period\$7 or oc\$1as\$1ion\$7) near2 (inver\$7 or revers\$7) near2 (determin\$7 or locat\$7 or find\$7) near2 (transition\$7 or chang\$7)) and @ad&lt;"20010731"</b>                      | <b>USPAT; EPO; JPO;<br/>DERWENT;<br/>IBM_TDB</b>               |
| <b>87</b> | <b>57</b>   | <b>((period\$7 or oc\$1as\$1ion\$7) near7 (inver\$7 or revers\$7) near7 (determin\$7 or locat\$7 or find\$7) near7 (transition\$7 or chang\$7)) and @ad&lt;"20010731"</b>                      | <b>USPAT; EPO; JPO;<br/>DERWENT;<br/>IBM_TDB</b>               |
| <b>88</b> | <b>2</b>    | <b>"6075987".pn.</b>   | <b>USPAT; EPO; JPO;<br/>DERWENT;<br/>IBM_TDB</b>               |

|           | <b>Hits</b>   | <b>Search Text</b>  | <b>DBs</b>                               |
|-----------|---------------|---|--|
| <b>89</b> | <b>101161</b> | ((integrat\$7 or sum\$7 or addit\$7 or adding\$7) near7 (inver\$7 or revers\$7 or chang\$7) near7 (transition\$7 or chang\$7)) and @ad<"20010731"   | <b>USPAT; EPO; JPO; DERWENT; IBM_TDB</b> |
| <b>90</b> | <b>19460</b>  | ((integrat\$7 or sum\$7 or addit\$7 or adding\$7) near7 (inver\$7 or revers\$7 or chang\$7) near7 (bit\$7 or data or input\$7 or signal\$7 or analog\$7 or digital\$7) near7 (transition\$7 or chang\$7)) and @ad<"20010731"  | <b>USPAT; EPO; JPO; DERWENT; IBM_TDB</b> |
| <b>91</b> | <b>2423</b>   | ((integrat\$7 or sum\$7 or addit\$7 or adding\$7) near2 (inver\$7 or revers\$7 or chang\$7) near2 (bit\$7 or data or input\$7 or signal\$7 or analog\$7 or digital\$7) near2 (transition\$7 or chang\$7)) and @ad<"20010731"  | <b>USPAT; EPO; JPO; DERWENT; IBM_TDB</b> |
| <b>92</b> | <b>1854</b>   | ((integrat\$7 or sum\$7 or addit\$7 or adding\$7) near2 (inver\$7 or revers\$7 or chang\$7) near2 (bit\$7 or data or input\$7 or signal\$7 or analog\$7 or digital\$7) near2 (transition\$7 or chang\$7)) not (phas\$7 near2 chang\$7) not (integrated near2 circuit\$7) and @ad<"20010731" | <b>USPAT; EPO; JPO; DERWENT; IBM_TDB</b> |

|    | Hits | Search Text   | DBs                               |
|----|------|---|-----------------------------------|
| 93 | 585  | ((integrat\$7 or sum\$7 or addit\$7 or adding\$7) near2 (inver\$7 or revers\$7 or chang\$7) near2 (bit\$7 or data or input\$7 or signal\$7 or analog\$7 or digital\$7) near2 (transition\$7 or chang\$7)) not (phas\$7 near2 chang\$7) not (integrated near2 circuit\$7) and communicat\$7 and @ad<"20010731" | USPAT; EPO; JPO; DERWENT; IBM_TDB |
| 94 | 2    | ((integrat\$7) near2 (inver\$7 or revers\$7) near2 (bit\$7 or data or input\$7 or signal\$7 or analog\$7 or digital\$7) near2 (transition\$7 or chang\$7)) not (phas\$7 near2 chang\$7) not (integrated near2 circuit\$7) and communicat\$7 and @ad<"20010731"  | USPAT; EPO; JPO; DERWENT; IBM_TDB |
| 95 | 0    | (integrat\$7 near7 stagger\$7 near7 invert\$7 near7 transition\$7) and @ad<"20010731"   | USPAT; EPO; JPO; DERWENT; IBM_TDB |
| 96 | 3    | (integrat\$7 near7 stagger\$7 near7 invert\$7) and @ad<"20010731"   | USPAT; EPO; JPO; DERWENT; IBM_TDB |
| 97 | 9    | (determin\$7 near7 data near7 transition\$7 near7 inver\$7) and @ad<"20010731"  | USPAT; EPO; JPO; DERWENT; IBM_TDB |
| 98 | 422  | (data near7 transition\$7 near7 inver\$7) and @ad<"20010731"  | USPAT; EPO; JPO; DERWENT; IBM_TDB |
| 99 | 199  | (bit near7 transition\$7 near7 inver\$7) and @ad<"20010731"   | USPAT; EPO; JPO; DERWENT; IBM_TDB |



|     | Hits | Search Text  | DBs  |
|-----|------|--|--|
| 100 | 15   | (bit near2 transition\$7 near2 inver\$7) and @ad<"20010731"  | USPAT; EPO; JPO;<br>DERWENT;<br>IBM_TDB              |
| 101 | 0    | (375/226, 375/227, 375/228, 375/242, 375/243, 375/244, 375/245, 375/247, 375/286, 375/289, 375/290, 375/254, 375/317, 375/316, 375/354, 375/360, 375/359, 375/371, 375/377, 324/76.11, 324/76.12, 324/76.38, 324/76.52, 324/76.77, 324/76.82, 708/494, 708/490, 708/200, 708/800, 708/801, 708/823, 708/824, 708/100, 375/150, 375/147, 375/140, 375/130).ccls. and ((integra\$5 or sum\$5 or add\$5) near2 signal\$5 near2 (bit\$5 or data) near2 (transition\$5 or chang\$5 or differ\$5) near2 (occur\$5 or "when" or "if")) and @ad<"20010731" | US-PGPUB;<br>USPAT; EPO; JPO;<br>DERWENT;<br>IBM_TDB |